

20020627.qrp v02_n599.qrl.20020627

Date: Thu, 27 Jun 2002 19:03:05 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2599

QRP-L Digest 2599

Topics covered in this issue include:

- 1) [128600] Here is the computerless paper logging system for a complete battery
5A Field Day
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 2) [128601] Re: [128582] psk31 laptop
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 3) [128602] Re: 2N5109 amplifiers
by Ed Tanton <n4xy@earthlink.net>
- 4) [128603] Re: "The Magazine" - a rip off!
by "Pat J. Whelton" <pwhelton@hal-pc.org>
- 5) [128604] Re: "The Magazine" - a rip off!
by Dave Richards <wr3i@earthlink.net>
- 6) [128605] Offset feed vs. Gap design
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 7) [128606] Re: Lattin Antenna
by N1EU <n1eu@yahoo.com>
- 8) [128607] Re: "The Magazine" - a rip off!
by W2AGN <w2agn@w2agn.net>
- 9) [128608] Antenna idea feedback pse
by Gary Slagel <gdslagel@yahoo.com>
- 10) [128609] Re: "The Magazine" - a rip off!
by "Bill, N4QA" <n4qa@hotmail.com>
- 11) [128610] NCARC Superfest 2002 news bulletin
by "Rod N0RC" <rod@n0rc.us>
- 12) [128611] Need LM3909 or equivalent
by "Harley L. Miller" <hmliller@sound.net>
- 13) [128612] RE: BLM [BLT??]
by Conrad Weiss <radman@best.com>
- 14) [128613] RE: New to QRP and got questions
by Conrad Weiss <radman@best.com>
- 15) [128614] NVQS Field Day Gallery Open for Business
by "Brian B. Riley \ (N1BQ\)" ListAcct" <n1bq_list@wulfden.org>
- 16) [128615] [Somewnat OT] Calculating a Beam Heading..
by "Ray Goff" <radioham@gmx.co.uk>
- 17) [128616] Re: [Somewnat OT] Calculating a Beam Heading..
by "Brice D. Hornback" <bdh@cyberbound.net>
- 18) [128617] HB - QRP Home Builder Web Site
by Harry Hurst <wa3ptg@comcast.net>

- 19) [128618] RE: New to QRP and got questions
by "Adam" <jabba@w3.to>
- 20) [128619] RE: [Somewnat OT]Calculating a Beam Heading..
by Conrad Weiss <radman@best.com>
- 21) [128620] Re: "The Magazine" - a rip off!
by "Francis Callahan" <colcal@srv.net>
- 22) [128621] Re: [Somewnat OT]Calculating a Beam Heading..
by "Leon Heller" <leon_heller@hotmail.com>
- 23) [128622] Calculating a Beam Heading..[BASIC pgm]
by Chuck Carpenter <w5usj@9plus.net>
- 24) [128623] Virtual Morse key?
by "Leon Heller" <leon_heller@hotmail.com>
- 25) [128624] Re: Virtual Morse key?
by "Mike Yetsko" <myetsko@insydesw.com>
- 26) [128625] [CONTEST] N2CQ QRP Contest Calendar - July 2002
by "Ken Newman" <n2cq@dandy.net>
- 27) [128626] Re: FD fun,,,,,, and a question
by Ron KU7Y <mswmod@bigplanet.com>
- 28) [128627] Re: FD fun,,,,,, and a question
by Ron KU7Y <mswmod@bigplanet.com>
- 29) [128628] July QRP Quarterly
by George Gingell <k3tks@u1.abs.net>
- 30) [128629] NEQRP CW Net, 27 June 02, 8:30 PM EDT, 3.565 MHz
by Chuck Ludinsky <cjl@mitre.org>
- 31) [128630] Re: "The Magazine" - a rip off!
by "Lee Mairs" <lmairs@cox.net>
- 32) [128631] Calculating a Beam Heading..
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 33) [128632] Re: "The Magazine" - a rip off!
by Phil Wheeler <w7ox@earthlink.net>
- 34) [128633] Re: FD fun,,,,,, and a question
by David Hinerman <WD8CIV@worldnet.att.net>
- 35) [128634] RE: Antenna idea feedback pse
by W2SH@aol.com
- 36) [128635] RE: putting an antenna under my siding
by W2SH@aol.com
- 37) [128636] A QRP Field Day, KE3FL
by Philip Karras <ke3fl@yahoo.com>
- 38) [128637] Re: putting an antenna under my siding
by "George, W5YR" <w5yr@att.net>
- 39) [128638] Re: FD fun,,,,,, and a question
by "George, W5YR" <w5yr@att.net>
- 40) [128639] Want: TenTec Triton I or II for parts
by "Randy Randall" <randallr@healthall.com>
- 41) [128640] Want: TenTec Triton I or II for parts
by "Randy Randall" <RANDALLR@healthall.com>
- 42) [128641] Who had Foot Switch For Sale?
by "wilford lindsey" <dock0evz@earthlink.net>

43) [128642] Summer FOX Hunt begins *TONITE* [g]
by "wilford lindsey" <dock0evz@earthlink.net>
44) [128643] Re: Who had Foot Switch For Sale?
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
45) [128644] OT Manual
by Cwdx@webtv.net (Cw Opr)
46) [128645] Re: OT Manual
by "Mark Andrews \ (KE4IOF\)" <KE4IOF@ke4iof.com>
47) [128646] Hamfests and wives
by "Randy Randall" <randallr@healthall.com>
48) [128647] ot manual
by Cwdx@webtv.net (Cw Opr)
49) [128648] Re: Hamfests and wives
by W2AGN <w2agn@w2agn.net>
50) [128649] RE: putting an antenna under my siding
by David Gauding <david.gauding@bbs.galilei.com>
51) [128650] ot: Need Yaesu FT-747 SERVICE manual
by "Randy Randall" <randallr@healthall.com>
52) [128651] Yep, Summer FOX is *TONITE*
by "wilford lindsey" <dock0evz@earthlink.net>
53) [128652] Excess Test Equipment
by "Peter Shores" <pshores@socal.rr.com>
54) [128653] Cool Book
by Pete Burbank <plburbank@kih.net>
55) [128654] Re: Keyboard question es FD
by Bill Coleman <aa4lr@arrl.net>
56) [128655] Re: Keyboard question es FD
by Bill Coleman <aa4lr@arrl.net>
57) [128656] Re: Antenna idea feedback pse
by Dave Hottell <hottell@gulftel.com>
58) [128657] tins
by "P.Ermisch" <ermisch@usa.net>
59) [128658] Re: Hamfests and wives
by Rick McKee <kc8aon@juno.com>
60) [128659] Re: Hamfests and wives
by "Francis Callahan" <colcal@srv.net>
61) [128660] AL7FS Index for "The Electronic Data Book for Homebrewers and
QRPers" by
NA5N
by Jim Larsen - AL7FS <AL7FS@arrl.net>

Date: Wed, 26 Jun 2002 18:21:18 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-l@lehigh.edu>
Subject: [128600] Here is the computerless paper logging system for a complete
battery 5A Field Day

Message-ID: <012f01c21d68\$2d11c9e0\$4e100a0a@rohredt2000>

With all battery operation, and the big power hogs of Dell laptops today, (5 Amps), we had found that we did not have enough batteries to run computers on DC, nor did we have folks willing to leave a laptop out in our usual blowing night time rain shower. Luckily this year was dry, but we planned and executed a refined band notebook log as follows:

The paper log system is quite simple and reliable and fast. Use a 3 ring notebook. Label each on spine and front cover by band. (We had one tent for each band, except 10m/80m shared one position since 10m is typically day band and 80 night band as we proved.) We had 80, 40, 20, 15, 10, VHF, GOTA, and Satellite Notebooks prepared. In each band notebook, I can place in

page protectors, Logging instruction sheet, 1 pg. CQ script with club call, and

Hunt and Pounce script in page protector. ITU Zone map, Section abbrev. list ordered by both abbrev. and spelled out section name. Then, I use that section list to divide blank log pages from blank dupe sheets. Dupe sheet has 10 cols. 1 to 9, and 0. (Reverse side will have next year, DX 1 to 9, 0.)

On the page facing the first log sheet, is placed a color band chart with band limits for modes. The log sheet and the color band chart are downloadable from the ARRL web page. I did not use their dupe sheet, for it downloaded too small, and is designed for larger than 8.5 X 11 paper. Behind the blank dupe sheets, there are two tab section dividers:

One tab for phone contacts, and one for digi/cw modes. They are asked to file full log sheets, in the tab section and that way logs do not blow around site. Of course, the dupe person has to take out the dupe sheet, but the operator can fill in the log sheet while it is in the notebook, or so was my theory. The band notebook also has pockets inside front cover and back cover. In those, we place note book size paper folded into four columns. This is their scratch sheet, and forces them to neatly print the call, class, and section. They work down one column, then unfold another, until the page is full front and back. Yet, some have their own ways. Hi! I still have

to cross check the scratch sheets so I ask them to turn them in with their band notebook. You would be amazed how sleep deprivation can make one forget to dupe or log from the scratch! The scratch is a crutch, and good ops could log direct into the log sheet, but; we have found most want to have a doodle pad. Oh well. At least, with this I can reconstruct good Q's not logged, as we ask them to line out broken Q's and check mark good Q's as they do them.

72, Stuart K5KVH

Date: Wed, 26 Jun 2002 19:44:43 -0400 (EDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: mehartwell@att.com
Cc: qrp-1@lehigh.edu
Subject: [128601] Re: [128582] psk31 laptop
Message-ID: <200206262344.g5QNihq25397@panix3.panix.com>

Date: Wed, 26 Jun 2002 09:58:54 -0400
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>

I am looking for a inexpensive laptop to use for psk31, and loggin. I =
have one now but I can't do psk31 because it doesn't have the sound =
card. I used to have one, provided for me at my previous employer, that =
would be ideal to use for psk31, a Toshiba tecra.=20

Does anyone have such a unit, a laptop to use for psk31, that won't =
break the budget?

Please send me email for consideration.

Obviously, it depends on what "break the budget" means, but if you
want to buy from a company that provides a warranty, and has a good
reputation among contesting and DXpeditioning hams, try
www.usedlaptops.com . I took two of their \$500. units to K1B, and
they worked well for RTTY, PSK31 and SSTV.

73, doug

Date: Wed, 26 Jun 2002 19:54:46 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: tracy@bytemark.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128602] Re: 2N5109 amplifiers
Message-ID: <5.1.1.6.2.20020626194210.00aaa490@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Tracy... it's not so much as case of whether you could... but rather,
why would you? Every time you add a transformer, you're contributing to an
efficiency loss. Better to use a higher gain, higher wattage single or P-P
pair of transistors. Communications Concepts, Inc.
<<http://www.communication-concepts.com/>> has done things like this however,

when there weren't devices available to build single or dual device high-power amps... mostly taken from Motorola App Notes. The App Notes etc. are still there.

P.S. I understand you have an interest in ferrites... but I believe things are going to be significantly more efficient the 'regular' way.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Wed, 26 Jun 2002 19:15:43 -0500
From: "Pat J. Whelton" <pwhelton@hal-pc.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128603] Re: "The Magazine" - a rip off!
Message-ID: <004201c21d6f\$ca7907a0\$2275fea9@halpc.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yea, I get those "Enlarge Your Watchamacallit" notes too ever since I created a email forwarding address at the ARRL. One of those YOURCALL@ARRL.NET deals. Ever since then I get one of the "Enlarge" messages every couple of days. I just created a message rule that looks for the words "Enlarge Your Watchamacallit" in the subject and if its found send it to a folder I've named SPAM. I also removed the ARRL email forwarding address. I'm afraid I doomed to get the "Enlarge Your Watchamacallit" notes until I change my primary email address.

----- Original Message -----
From: "W2AGN" <w2agn@w2agn.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, June 26, 2002 7:16 AM
Subject: Re: "The Magazine" - a rip off!

> On 25 Jun 2002 at 17:30, Steve McDonald wrote:
>
> >
> > > Suggestion, don't buy the cut rate Viagra.....
> >
> >tell us what happened John?
>
> Nothing. I don't need Viagra. I merely suggest that some that do, get the
good stuff. I keep getting those "Buy Viagra Cheap" spams. Of course I also
get "Enlarge your
> Breasts," (and other parts).
>
> --
>
> / \ / \ / \ / \ / \ John L. Sielke
> (W)(2)(A)(G)(N) <http://www.w2agn.net>
> _/ _/ _/ _/ _/ ARCI, NJQRP, ARQrp, GQRP, RSGB
> Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Wed, 26 Jun 2002 20:36:00 -0400
From: Dave Richards <wr3i@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
dave@redhotradio.com
Subject: [128604] Re: "The Magazine" - a rip off!
Message-ID: <LF4Y1WA92ULGQL65KEYT96SM93863YD.3d1a5df0@Home4>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

CQ? is that another Ham Magazine
Dave
WR3I

6/25/2002 11:44:37 PM, "Dave Fifield" <dave@redhotradio.com> wrote:

>Ya gotta wonder if anyone ever signed up for "GQ"
>instead "CQ" magazine (or vice versa), haven't you?
>
>72, Dave, AD6A
>
>----- Original Message -----

>From: "Dave Richards" <wr3i@earthlink.net>
>Subject: Re: "The Magazine" - a rip off!
>
>
>> You should be more careful what you sign up for always read the small
>print
>(snip)
>
>

Date: Wed, 26 Jun 2002 20:20:30 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Phil Wheeler" <w7ox@earthlink.net>
Cc: <qrp-1@lehigh.edu>
Subject: [128605] Offset feed vs. Gap design
Message-ID: <01ec01c21d78\$d5f8d250\$4e100a0a@rohredt2000>

Hi Phil,
No, they are quite different animals, Gap antennas are fundamentally an asymmetrical vertical dipole. The 'gap' is simply the center insulator.

On that basic dipole they hang linear decouplers which are feedline sections, (parallel line) which act to tune sections to differing bands. Those replace the action of traps in seriesed trap verticals like the Cushcraft R series.

This antenna is a variation, (the offset) of the sleeve fed dipoles written up in RF Design by Gary Breed among others in other publications.

Sleeve feed is like what Mosley does with their beam feed, close coupling to the antenna element by another element. Several feed this way.

The trick here, is the offset, it is shunt feeding a grounded vertical an accepted way to feed a grounded pole from way back. By moving up from 0 ohms impedance at earth end of pole, he picks 50 ohm point.

Now that is pretty standard quarter wave vertical except for that. But, he gets clever and uses the nearby half wave elements as simple dipoles close coupled to pick up energy on their bands where the quarter wave 40m now works as a kind of gamma rod if you will, capacitively coupled to the others. Simple, cheap and effective. You could space the masts from each other with Gap style PVC standoffs, in place of finding that plastic breadboard he cuts into triangles.

I hope someone makes one and reports back. You could scale the elements to other bands by ration and proportions.

half as long element goes up 2X in frequency, or twice as long goes down to half frequency.

72,
Stuart K5KVH

Date: Wed, 26 Jun 2002 18:27:00 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [128606] Re: Lattin Antenna
Message-ID: <20020627012700.31665.qmail@web14603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

"The diagram on the g3yyc web page is incorrect. I have spent many hours attempting to model the Lattin antenna using MMANA and was only partially successful. I did manage to get a 40 and 10 meter antenna modeled but the dimensions are extremely critical. I do not recommend building a multi-bander unless you have lots of wire and time to experiment."

Thanks for saving me a bit of labor and frustration
Bill.

I do want to mention that for field day I fashioned a 40/20M dipole with a ladder line driven element by cutting one conductor for 40M and the other conductor for 20M (start with 67ft/33.5ft - just remove a couple of inches of conductor and leave the plastic structurally intact for 20M, trim 20M for resonance, and finally trim 40M) and it worked beautifully with low SWR fed with a 1:1 balun and 52 ohm coax.

Tnx/73,
Barry N1EU

Do You Yahoo!?

Yahoo! - Official partner of 2002 FIFA World Cup
<http://fifaworldcup.yahoo.com>

Date: Wed, 26 Jun 2002 22:02:12 -0400
From: W2AGN <w2agn@w2agn.net>
To: "Pat J. Whelton" <pwhelton@hal-pc.org>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128607] Re: "The Magazine" - a rip off!
Message-ID: <3D1A39E4.2651.7834F7D@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 26 Jun 2002 at 19:15, Pat J. Whelton wrote:

> Yea, I get those "Enlarge Your Watchamacallit" notes too ever since I
> created a email forwarding address at the ARRL. One of those
> YOURCALL@ARRL.NET deals.

Always suspected the big shots in Newington had small whatchamacallits!

--

/_ \ /_ \ /_ \ /_ \ /_ \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Wed, 26 Jun 2002 19:15:44 -0700 (PDT)
From: Gary Slagel <gds slagel@yahoo.com>
To: QRP L <qrp-l@lehigh.edu>
Subject: [128608] Antenna idea feedback pse
Message-ID: <20020627021544.19848.qmail@web11604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I'm getting ready for the ARS Bumblebee contest on
July 28!

Last year I used a 2 band, 15 & 20 meter, 1/4
vertical. I made the radiator from 300 ohm tv ribbon
with one wire cut for 20 and one wire cut for 15
(tuned with an ant analyzer). Supported it with a 20'

black widow fishin' pole. Put out 2 resonant radials for each band and fed it with coax. Worked great but no 40 meters.

This year I'm thinkin.... 2 band, 20/40 meter 1/4 wave vertical made with tv ribbon. One element approx 33' and the other approx 16' 6". I've got a 33' kanga pole for a support for the radiator. I'll carry two big hose clamps with me to attach the kanga pole to a handy limb on the ground. The tree branch will let me get the feedpoint up in the air 5 to 10 feet. 3 33' radials and 3 16'6" radials and it shud work well on 20 & 40. NOW..... my theory is that the 40 meter radiator (33') will load very nicely as a 3/4 wave vertical (with 3/4 wave resonant radials) on 15 meters. I'm sure my auto tuner on the K2 will load it fine on 15 but do you think this configuration will be every bit as good on 15 as the 1/4 wave vertical that I had last year? Should I feed it with coax or 300 ohm ribbon? 20 & 15 are the bread and butter bands for the middle of the afternoon when the bumblebee is going, so I don't want to compromise my performance on 15. I'm going to find a rocky peak somewhere with no trees so I've got to use a vertical. I've gotta be able to hike at least a couple miles with it so I can't start adding any more weight. So... my main question is.... is my 3/4 wave vertical gonna work as well or better then a 1/4 wave vertical? Anyone have any good thoughts on this?

Thanks,
Gary

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://members.fortunecity.com/gdslagel>

Do You Yahoo!?
Yahoo! - Official partner of 2002 FIFA World Cup
<http://fifaworldcup.yahoo.com>

Date: Wed, 26 Jun 2002 22:49:15 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>

To: qrp-1@lehigh.edu
Subject: [128609] Re: "The Magazine" - a rip off!
Message-ID: <F68zNCWbzwWJv3z0dnj00001155@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

John and group,

With apologies to Bob Seger et al...

"Like a ROCK...standin' arrow straight...like a ROCK...chargin' from the gate..."

Sorry, guys, couldn't resist :)

Obligatory QRP content:

Worked Nick, U5WK, in Lvov this pm with the DSW-20. Band wide open tonight...

73.
Bill, N4QA

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Wed, 26 Jun 2002 21:11:17 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "ncarc-1" <ncarc@mailman.qth.net>
Cc: "cqc-1" <CQCLIST@yahooogroups.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128610] NCARC Superfest 2002 news bulletin
Message-ID: <003101c21d88\$4e8f7f20\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FLASH! We interrupt this email reflector with an exciting Superfest news bulletin:

Jim, KI0KN will be giving a technical presentation about his Satellite PSK-31 station. Much of the gear is homebrew, converted from satellite TV dishes...etc. Full details about Jim's presentation will be

available on the Superfest website:

http://www.radioactivehams.com/superfest/tech_presentations.html

Sometime this weekend, mark the link, and keep your web browser on stand-by.

We now return you to your regularly scheduled email reflector.

73, Rod NØRC ...YIPPIE YA YA YA...

Date: Wed, 26 Jun 2002 23:33:28 -0500
From: "Harley L. Miller" <hmliller@sound.net>
To: qrp-l@lehigh.edu
Subject: [128611] Need LM3909 or equivalent
Message-ID: <3D1A9598.7C455CEC@sound.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is there any source for the LM3909, which is now discontinued? Or is there an equivalent IC or newer replacement?

Harley L. Miller hmliller@sound.net
WBØROQ

Date: Wed, 26 Jun 2002 22:12:18 -0700
From: Conrad Weiss <radman@best.com>
To: "'Ka0wbq@aol.com'" <Ka0wbq@aol.com>,
 Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128612] RE: BLM [BLT??]
Message-ID: <01C21D5E.8A1BBC40@209-162-48-220.thegrid.net>

Hi,

I'm not Doug, but I presume you're in need of info related to the NorCal BLT; specifically "T1" windings (?)

If so... the toroid core is an FT37-61 and the windings are:

25 turns of red - looks like 26 or 28ga.

5 turns of green - same wire size as above.

Obviously, the color is of no importance, and IMO you could use 26, 28 or 30 ga - 26 or 28 being preferred. RS has an assortment of mag wire spools for a few bux.

Hope this helps....

73,

Conrad
NN6CW

From: Ka0wbq@aol.com[SMTP:Ka0wbq@aol.com]
Sent: Wednesday, June 26, 2002 1:28 PM
To: Low Power Amateur Radio Discussion
Subject: BLM

With Doug Hendricks on vacation, could someone please let me know the length and guage of the two wires for small toroid is. Missing in the kit.
Thanks, ka0ec

Date: Wed, 26 Jun 2002 22:46:30 -0700
From: Conrad Weiss <radman@best.com>
To: "'Adam'" <jabba@w3.to>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128613] RE: New to QRP and got questions
Message-ID: <01C21D63.51A91B00@209-162-48-220.thegrid.net>

Hi Adam,

I didn't see a response to your post re: the FT-817 freq "readout." I'll give it a shot....

Based on a dozen or so postings I've read on 817-related reflectors, it appeared that Yaesu let a few 817s out the door with local oscillators that weren't properly aligned. Briefly, at HF the dial accuracy might be off 100Hz and as you went UP the bands the problem cascaded such that the tuning steps or "channels" were really "off" by the time you got up to 440.

Never was a very serious problem, as you could return the rig to the dealer for a new one, or send it to Yaesu for a free factory alignment, OR... you could easily align it yourself, if you had a good freq counter.

In a few rare cases (that I read about) the L0 trimmer didn't have enough range to allow proper alignment, requiring a tech to swap an SMT cap or two to "pad" the trimmer - then it would dial right in. Sounds a bit gory, but if you've built anything it's a simple little board to work on. (I've done it.)

THEN.... for the guy/gal who "needs" National Bureau of Standards dial accuracy, just buy the TCXO option board and plug that baby in. No tweaking needed - you'll be absolutely dead-on all the way up the bands.

Summary: I think Yaesu has the L0 issue fully resolved, and remember we're just talking about dial accuracy... not VFO stability. The 817 VFO is like a bloody rock - PSK is a done deal with out the TCXO option board - that's just for the folks who set their watch by WWV each morning and are then 12 minutes late to the staff mtg ;) The 817 is a real hoot, I think you'll enjoy it. BUT... you might enjoy building a K2 just as much/more... and you still get to tweak your dial accuracy on that rig too;) And I can remember when I was a novice (just after the Civil War) and was happy to align my Heath AR-3 within 15kHz :) :)!

Progress... it's a good thing,

Conrad Weiss
NN6CW

From: Adam[SMTP:jabba@w3.to]
Sent: Tuesday, June 25, 2002 11:52 PM
To: Low Power Amateur Radio Discussion
Subject: New to QRP and got questions

Hi all

I haven't posted to this list before but have been "lurking" for quite some time and have found the threads to be really interesting, especially some of the links that have been posted.

Anyway, I have been looking for information on QRP radios (at eham.com and other sites) and have found that the two most popular are the Elecraft and Yaesu FT 817. The Elecraft will one day get built, but as I am new to this side of the hobby I might hold off till I get some other homebrew projects under my belt.

I really like the idea of the Yaesu being small and portable, and by all reports it appears to be a very good radio. But I am wondering if they ever rectified the problem with the 70cm frequency readout (reading 5khz different to that of the actual frequency) or was this just a bad experience by one or two operators?

Comments welcome.

Adam VK4LAJ
<http://www.qsl.net/vk4laj>

Date: Thu, 27 Jun 2002 03:08:03 -0400
From: "Brian B. Riley \ (N1BQ\)" ListAcct" <n1bq_list@wulfdn.org>
To: "NVQS" <nvqs@yahooogroups.com>, "NJ-QRP List" <njqrp@njqrp.org>,
"FT817" <FT817@yahooogroups.com>,
Subject: [128614] NVQS Field Day Gallery Open for Business
Message-ID: <NLECJEINFMOPPBOKKBNEEEMBENAA.n1bq_list@wulfdn.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just got finished loading up the pix Sara, Adam, and I took with Sara's Nikon 995 from the NVQS QRP Field Day operation. I expect to have some more pix later as others get their films developed ... but for now there are 30 or so pix of our setup, operation, etc. go to

<<http://www.wulfdn.org/NVQS/>>

Then click on "Field Day 2002," ... enjoy ... cheers ... 73 de brian, n1bq

Date: Thu, 27 Jun 2002 08:27:15 +0100
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128615] [Somewnat OT] Calculating a Beam Heading..
Message-ID: <001201c21dac\$126a1e00\$268afe3e@starfishrcg>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Being somewhat mathematically challenged, I wondered anybody had a simple formula for calculating the Beam Heading for a station based on its Long and Lat and my Long and Lat?

Thanks in advance.

72

Ray, g4fon

Date: Thu, 27 Jun 2002 03:11:49 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: radioham@gmx.co.uk,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128616] Re: [Somewnat OT]Calculating a Beam Heading..
Message-ID: <025101c21db2\$49f25e40\$6501a8c0@lwrnce01.in.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Try this:
<http://www.indo.com/distance/>

It doesn't use Long and Lat... but it sure works great!

73/72/71! de Brice KA8MAV

----- Original Message -----
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, June 27, 2002 2:27 AM
Subject: [Somewnat OT]Calculating a Beam Heading..

> Hi,
>
> Being somewhat mathematically challenged, I wondered anybody had a simple
> formula for calculating the Beam Heading for a station based on its Long

and
> Lat and my Long and Lat?
>
> Thanks in advance.
>
> 72
>
> Ray, g4fon
>
>

Date: Thu, 27 Jun 2002 04:48:21 -0400
From: Harry Hurst <wa3ptg@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128617] HB - QRP Home Builder Web Site
Message-ID: <HIEKLOODELDPNBOHKICHKEELCCAA.wa3ptg@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Where did it go? It's one of the best.

72
Hap, WA3PTG
Wilmington DE

Date: Thu, 27 Jun 2002 19:00:38 +1000
From: "Adam" <jabba@w3.to>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128618] RE: New to QRP and got questions
Message-ID: <009101c21db9\$1e29b400\$683c32d2@kids>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all those that responded to my posting. It was much appreciated and helped me decide one way or the other what to do.

Adam VK4LAJ

<http://www.qsl.net/vk4laj>

Outgoing mail from this account has been scanned and found to be virus free. However, should you find that this email contains a virus please notify the sender immediately.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.372 / Virus Database: 207 - Release Date: 20/06/02

Date: Thu, 27 Jun 2002 02:34:10 -0700

From: Conrad Weiss <radman@best.com>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>, "Ray Goff" <radioham@gmx.co.uk>

Subject: [128619] RE: [Somewnat OT]Calculating a Beam Heading..

Message-ID: <01C21D83.1F0C0D40@209-162-48-220.thegrid.net>

Ray,

There's a number of friendly beam heading calculators on the web. Try The FOGGY MOUNTAIN ARC Beam Antenna Heading Calculator at URL: <http://palosverdes.com/fmarc/Beamtop.htm>

All you need is your own Lat/Long and my Lat/Long. Those you can get off Buckmaster at URL: http://www.buck.com/cgi-bin/do_hamcall

You're at: Latitude: 51.5, Longitude: 1.15

I'm at: DX Latitude: 37.5, Longitude: 122.26

Just enter your Lat/Long into the Foggy Mtn Beam Calculator. Then enter my Lat/Long...

Beaming from the UK to my US QTH:

Your QTH Latitude: 51.5, Longitude: 1.15

My (DX) Latitude: 37.5, Longitude: 122.26

Distance to DX = 5334 mi

Bearing DX = 316 deg.

OR, from my US QTH to your UK QTH:

My QTH Latitude: 37.50, Longitude: 122.26

Your (DX) Latitude: 51.5, Longitude: 1.15

Distance to DX = 5334 mi
Bearing of DX = 33 deg.

OR, once the thrill of all this is gone, it's faster to just use "cheat sheets" for the top 100 QTHs ;) Your in the UK, I'm in SF Bay USA.... Make a chart/table. Look it up: ~ 314 deg. Done! No computers, no CDs, no calculators... it's fast! It's free :) !

Have fun w/ it es 73,

Conrad
NN6CW

From: Ray Goff[SMTP:radioham@gmx.co.uk]
Sent: Thursday, June 27, 2002 12:27 AM
To: Low Power Amateur Radio Discussion
Subject: [Somewnat OT]Calculating a Beam Heading..

Hi,

Being somewhat mathematically challenged, I wondered anybody had a simple formula for calculating the Beam Heading for a station based on its Long and Lat and my Long and Lat?

Thanks in advance.

72

Ray, g4fon

Date: Thu, 27 Jun 2002 03:50:10 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <pwhelton@hal-pc.org>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128620] Re: "The Magazine" - a rip off!
Message-ID: <000901c21dc0\$083ae900\$67dd070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't belong to ARRL or get mail from them but I get the enlarge it myself at least once a day sending nasty messages insulting thier mentality dosen't stop them 72 Cal KF7ET

----- Original Message -----

From: "Pat J. Whelton" <pwhelton@hal-pc.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, June 26, 2002 6:15 PM
Subject: Re: "The Magazine" - a rip off!

> Yea, I get those "Enlarge Your Watchamacallit" notes too ever since I
> created a email forwarding address at the ARRL. One of those
> YOURCALL@ARRL.NET deals. Ever since then I get one of the "Enlarge"
> messages every couple of days. I just created a message rule that looks
for
> the words "Enlarge Your Watchamacallit" in the subject and if its found
send
> it to a folder I've named SPAM. I also removed the ARRL email forwarding
> address. I'm afraid I doomed to get the "Enlarge Your Watchamacallit"
notes
> until I change my primary email address.

>
> ----- Original Message -----
> From: "W2AGN" <w2agn@w2agn.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Wednesday, June 26, 2002 7:16 AM
> Subject: Re: "The Magazine" - a rip off!

>
>
> > On 25 Jun 2002 at 17:30, Steve McDonald wrote:

> >
> > >
> > > Suggestion, don't buy the cut rate Viagra.....

> > >
> > >tell us what happened John?

> >
> > Nothing. I don't need Viagra. I merely suggest that some that do, get the
> good stuff. I keep getting those "Buy Viagra Cheap" spams. Of course I also
> get "Enlarge your
> > Breasts," (and other parts).

> >
> > --

> >
> > / \ / \ / \ / \ / \ John L. Sielke
> > (W) (2) (A) (G) (N) <http://www.w2agn.net>
> > _ / _ / _ / _ / _ / ARCI, NJQRP, ARQrp,GQRP,RSGB
> > Ex- K3HLU, W7JEF, W4MPC, N4JS

>

Date: Thu, 27 Jun 2002 11:15:52 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: radioham@gmx.co.uk, qrp-1@lehigh.edu
Subject: [128621] Re: [Somewnat OT]Calculating a Beam Heading..
Message-ID: <F93TDhtWrwuVjtQUGUz000010b8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Ray Goff" <radioham@gmx.co.uk>
>Reply-To: radioham@gmx.co.uk
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: [Somewnat OT]Calculating a Beam Heading..
>Date: Thu, 27 Jun 2002 08:27:15 +0100

>
>Hi,
>
>Being somewhat mathematically challenged, I wondered anybody had a simple
>formula for calculating the Beam Heading for a station based on its Long
>and
>Lat and my Long and Lat?

It's a standard navigation calculation, used by sailors, before they had luxuries like GPS. I don't know much about it apart from the fact that it involves great circles and spherical trigonometry, and midshipmen on British warships (the wind-powered wooden ones) used to get beaten for getting it wrong.

How about a globe and a piece of string to find your great circle? 8-)
Joking apart, it would probably be good enough for radio. Or one of those maps with a peculiar projection that looks like a globe cut up and laid out flat.

Just out of curiosity, I tried a web search (navigation bearing longitude) and found lots of stuff including this:

<http://williams.best.vwh.net/avform.htm>

He gives the formulae, which you could put into a spreadsheet.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Thu, 27 Jun 2002 06:54:09 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: radioham@gmx.co.uk,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128622] Calculating a Beam Heading..[BASIC pgm]
Message-ID: <3.0.2.32.20020627065409.007eee80@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ray,

Along with all those neat web programs, I have a BASIC program that will do that. It was originally written by W3IWI in 1984 and was the way some did it BI. I just checked it and with a couple of updates, it seems to run OK with GWBASIC. If you'd like, I can send the file to you as an attachment. (Anyone else too.)

I ran it with 0 long and 55 N lat and it came up with about 38 degrees and 4600 miles (rounded by me). This from my old QTH near Dallas. The .BAS file also includes a version of MINIMUF. There are some PEEK functions in the program to read the system clock. These may need to be modified. The last time I ran this was in 1989... [g]

I had modified the program with my home lat/long and grid so the would need to be edited. Word Pad or Note Pad work fine as editors.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Thu, 27 Jun 2002 13:12:34 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-l@lehigh.edu>

Subject: [128623] Virtual Morse key?
Message-ID: <DAV13vAdxaQ6shalxyP0000013dc@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've just ordered some sample ADXL202E accelerometers from ADI, for experimenting with a virtual keyboard, by mounting them on a glove, at the ends of the fingers. It struck me that one could be attached to the end of one finger, which could then be wiggled in some way, or tapped on the table, to generate signals that could be interpreted as morse. They are quite small, BTW, only 5 mm square.

73, Leon

--

Leon Heller, G1HSM leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Thu, 27 Jun 2002 08:25:12 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <leon_heller@hotmail.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128624] Re: Virtual Morse key?
Message-ID: <003b01c21dd6\$08bce840\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I've just ordered some sample ADXL202E accelerometers from ADI, for
> experimenting with a virtual keyboard, by mounting them on a glove, at
the
> ends of the fingers. It struck me that one could be attached to the end
of
> one finger, which could then be wiggled in some way, or tapped on the
table,
> to generate signals that could be interpreted as morse. They are quite
> small, BTW, only 5 mm square.
>
> 73, Leon

You do realize the software task facing you to do this, right? But it
just
might be do-able... If you used the acceleration data to fix of

'position slider' in memory. And let it have a 'threshold' that drug your 'slider' back to the closest of three nulls any time you fell below a calculated velocity value... Or an extended fixed velocity value...

It might be quite an interesting project!

Mike

Date: Thu, 27 Jun 2002 10:06:36 -0400
From: "Ken Newman" <n2cq@dandy.net>
To: "N4SO" <N4SO@Juno.com>, "W3BG" <W3BG@arrl.net>,
"N9AVG" <N9AVG@amsat.org>,
Subject: [128625] [CONTEST] N2CQ QRP Contest Calendar - July 2002
Message-ID: <001901c21de3\$dbab1800\$50891c42@18.95.182.twsn1.md.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR

July 2002

~~~~~  
Summer Fox Hunts - 20 Meters CW QRP - Friday 0200z - July & August and JUNE
28

(Thursday evening US time)

Details: <http://www.cqc.org/fox/index.htm>

~~~~~  
SP QRP Contest (CW) ... QRP Contest!

Jun 29 - 1200z to Jun 30 - 1200z

Rules: <http://www.sk3bg.se/contest/spqrp.htm>

"Work Everyone"

~~~~~  
RAC Canada Day Contest (CW/SSB) ... QRP Category

Jul 1 - 0000z to 2359z

Rules: <http://www.rac.ca/CANDAY.htm>

"Canada's Birthday Party on the air"

~~~~~

Adventure Radio Spartan Sprint (CW) ... QRP Contest!

Jul 2 - 0100z to 0300z (US/Canada Monday evening)

Rules: [http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_rules.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html)

"Testing of lightweight radio gear for outdoor QRP expeditions"

~~~~~

MI QRP Fourth of July Sprint (CW) ... QRP Contest!

Jul 4 - 2300z to Jul 5 - 0300z

Rules: <http://www.qsl.net/miqrpcclub/rules01.htm>

"Bonus points for home brew equipment"

~~~~~

Venezuelan Independence Day Contest (SSB)

Jul 6 - 0000Z to Jul 7 - 2400Z

Rules: <http://www.sk3bg.se/contest/yvdx.html>

"Work YV and anyone else"

~~~~~

Original QRP Contest (CW) ... QRP Contest!

Jul 6 - 1500z to Jul 7 - 1500z

Rules: <http://www.sk3bg.se/contest/origqrpc.htm>

"ORIGINAL QRP rigs only"

~~~~~  
Kentucky QSO Party (CW/SSB/Digital)

Jul 6 - 1600z to Jul 7 - 0400z

Rules: <http://www.qsl.net/ky4ky/kyqsopartyrules.html>

"Work KY Counties"

~~~~~  
IARU HF World Championship (CW/SSB)

Jul 13 - 1200z to Jul 14 - 1200z

Rules: <http://www.arrl.org/contests/rules/2002/rules-iaru.html>

"One of the best. Work anyone"

~~~~~  
FISTS Summer Sprint (CW) ... QRP Category

Jul 13 - 1700z to 2100z

Rules: <http://www.fists.org/sprints.html>

"WHEN YOU'VE WORKED A FIST YOU'VE WORKED A FRIEND"

~~~~~  
QRP ARCI Summer Homebrew Sprint (CW) ... QRP Contest!

Jul 14 - 2000z to 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/sumhom.htm>

"Test those homebrew rigs. Extra points for HB"

~~~~~  
AGCW-DL QRP Summer Contest (CW) ... QRP Contest!

Jul 20 - 1500z to Jul 21 - 1500z

Rules: <http://www.agcw.de/>

"More QRP Summer Fun"

---

Georgia QSO Party (CW/SSB) ... QRP Category

Jul 20 - 1800z to Jul 21 - 0359z

Jul 21 - 1400z to Jul 21 - 2359z

Rules: <http://gqp.contesting.com/Rules.htm>

"Work GA Counties. Excellent Awards"

---

North American QSO Party (RTTY)

Jul 20 - 1800Z to Jul 21 - 0600Z

Rules: <http://www.ncjweb.com/naqprules.php>

"FYI.. 100 watt RTTY operation"

---

CQ WW VHF Contest (All, 6 & 2 Meters) ... QRP (25W) Category

Jul 20 - 1800z to Jul 21 - 2100z

Rules: <http://www.cq-amateur-radio.com/VHFRU102.pdf>

"Maidenhead Grids for Awards"

---

RSGB Low Power Field Day (CW) ...QRP Contest!

Jul 21 - 0900z to 1200z (80 M)

Jul 21 - 1300z to 1600z (40 M)

Rules: <http://www.g4tsh.demon.co.uk/HFCC/>

"Outdoor Fun for the Serious QRPer"

---

CQC Great Colorado Gold Rush (20 Meters CW) ... QRP Contest!

Jul 21 - 2000z to 2200z

Rules: <http://www.cqc.org/contests/gold2002.htm>

"Two fast hours of heavy hitting"

~~~~~  
RUSSIAN RTTY WW CONTEST

Jul 27 - 0000z to Jul 28 - 2400z

Rules: <http://www.sk3bg.se/contest/russrtty.htm>

"FYI.. QRO RTTY. All bands"

~~~~~  
Venezuelan Independence Day Contest (CW)

Jul 27 - 0000Z to Jul 28 - 2400Z

Rules: <http://www.sk3bg.se/contest/yvdx.htm>

"Work YV and anyone else"

~~~~~  
Islands On The Air Contest (CW/SSB)

Jul 27 - 1200z to Jul 28 1200z

Rules: <http://www.g4tsh.demon.co.uk/HFCC>

"IOTA DXpeditions Encouraged"

~~~~~  
Flight of the Bumblebees (CW) ... QRP Contest!

Jul 28 - 1700z to 2100z

Rules: [http://www.natworld.com/ars/pages/bumblebees/bb\\_rules.html](http://www.natworld.com/ars/pages/bumblebees/bb_rules.html)

"Most outrageous venture for QRP Portable"

~~~~~  
Thanks to SM3CER, WA7BNM, ARRL and others
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and
we will post it and give it more publicity.
Anyone may use this "QRP Contest Calendar" for your website, newsletter,
e-mail list or other media as you choose.
(Include a credit to the source of this material of course.)

**** QRP Contest Calendar ****
<http://www.njqrp.org/data/contesting.html>
<http://www.n3epa.org/Pages/Contest/contest.htm>
<http://www.qsl.net/cqrp/contests.html>

72 de
Ken Newman - N2CQ
N2CQ@ARRL.NET

Date: Thu, 27 Jun 2002 08:08:53 -0600
From: Ron KU7Y <mswmod@bigplanet.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128626] Re: FD fun,,,,,, and a question
Message-ID: <015701c21de4\$64020c40\$c401d2d1@oemcomputer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi All,

Someone said:

>>Maybe next year I'll operate 65A...single op.

> You know, with the right software and networked computers you could do > it -
> have a computer per rig that captures the call from each station that calls
> you, routes it to your central terminal where it plays / displays it to
> you, and sends your response back out.

> I -assume- robot stations are not allowed. Otherwise it'd be easy.

Not really!

There have been many attempts at rig automation but they have all come up WAY short in the end. The problem is that no one has yet been able to get a computer to copy only one station out of a pile of stations!

There have even been some contests within contests to see just how good it could be done. I seem to remember numbers around 20 to 30 QSO's in a 24 hour period, not really something to write home about!

Someday.... maybe.....

OK, back in my hole...

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West.
Currently back in Boise, ID.

Date: Thu, 27 Jun 2002 08:09:16 -0600
From: Ron KU7Y <mswmod@bigplanet.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128627] Re: FD fun,,,,,, and a question
Message-ID: <015801c21de4\$64fdd160\$c401d2d1@oemcomputer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi All,

Someone said:

> If you want to be certain to be tops in your category,
> you make efforts to be the only one in the category.

But there is nothing more hollow than a "victory" without any competition!

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West.
Currently back in Boise, ID.

Date: Thu, 27 Jun 2002 10:28:43 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [128628] July QRP Quarterly
Message-ID: <20020627101657.P40008-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

No, The July 2002 Issue of the QRP Quarterly has not been shipped yet.

I have not received my copy and I am on the Staff.

NOT a Surprise, Remember we are a Volunteer Organization, each with regular jobs, even though we are supposed to be retired. :^}

Unlike the Big Glossy Magazines, we generally have it out in the month of issue, not a Month ahead of time. (O.K. I guess I understand the confusion, We do have a Glossy full featured Journal with a few QRP Related Advertisements) I suppose, In a way, We ARE one of the Big Glossy Ham Magazines. :^}

As a reminder, If your Subscription is NOT Current, you may miss out on some really Great QRP Stuff.

Check the QRP ARCI Web Site for your status and RENEW NOW! You may actually make it in time for the July Mailing List.

If not, You may obtain a Copy from me for \$ 7.50 Postpaid. (After all of the Regular Subscribers have received their copies).

That means I will have my stock sometime around the end of July or first week of August.

OBTW If you are RENEWING, you can Renew for TWO Years and save on possible postage rate increases. (Secret Tip :^}

QRPP Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, Donations Accepted.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Thu, 27 Jun 2002 10:30:32 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [128629] NEQRP CW Net, 27 June 02, 8:30 PM EDT, 3.565 MHz
Message-ID: <3D1B2188.494FB1C9@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP 80M CW net meets again on Thursday
night, 27 June 2002, at 8:30 PM EDT (00:30Z, 28 June 02) on or near
3.565 MHz. Net control operator for this week's session will be Chuck,
K1CL, operating from Chelmsford, MA.

Howard, AB1CW, reported a light turnout last week, with three or four
checkins total, which can be expected this time of year. [Sorry, I don't
have his list with me, so I can't say specifically who checked in last
week.]

Thanks to everyone for their QNI, and hope to hear you again tonight.
Conditions may be a bit rough, with thunderstorms predicted for the area
later tonight.

72 DE K1CL,
Chuck.

Date: Thu, 27 Jun 2002 10:54:17 -0400
From: "Lee Mairs" <lmairs@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128630] Re: "The Magazine" - a rip off!
Message-ID: <002701c21dea\$832d44d0\$6401a8c0@boomer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I belong to the ARRL but do not use their mail alias feature. My company had DSL service thru AT&T. All was fine until AT&T sold the small business business to somebody else. The new owners must have immediately sold the mailing list. The spam has almost shut down our company email service. I just bought McAfee's Spam Killer after I had 2 real messages and 23 spams in my company mail box. It works great! For only \$29.95 I'm no longer reminded that something might need enlargement...
73 de Lee KM4YY

----- Original Message -----

From: "Francis Callahan" <colcal@srv.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, June 27, 2002 5:50 AM
Subject: Re: "The Magazine" - a rip off!

> I don't belong to ARRL or get mail from them but I get the enlarge it myself

> at least once a day sending nasty messages insulting thier mentality dosen't

> stop them 72 Cal KF7ET

> ----- Original Message -----

> From: "Pat J. Whelton" <pwhelton@hal-pc.org>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Wednesday, June 26, 2002 6:15 PM

> Subject: Re: "The Magazine" - a rip off!

>

>

> > Yea, I get those "Enlarge Your Watchamacallit" notes too ever since I

> > created a email forwarding address at the ARRL. One of those

> > YOURCALL@ARRL.NET deals. Ever since then I get one of the "Enlarge"

> > messages every couple of days. I just created a message rule that looks for

> > the words "Enlarge Your Watchamacallit" in the subject and if its found send

> > it to a folder I've named SPAM. I also removed the ARRL email

forwarding

```
> > address. I'm afraid I doomed to get the "Enlarge Your Watchamacallit"
> notes
> > until I change my primary email address.
> >
> > ----- Original Message -----
> > From: "W2AGN" <w2agn@w2agn.net>
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Sent: Wednesday, June 26, 2002 7:16 AM
> > Subject: Re: "The Magazine" - a rip off!
> >
> >
> > > On 25 Jun 2002 at 17:30, Steve McDonald wrote:
> > >
> > > >
> > > > Suggestion, don't buy the cut rate Viagra.....
> > > >
> > > > ....tell us what happened John?
> > >
> > > Nothing. I don't need Viagra. I merely suggest that some that do, get
the
> > good stuff. I keep getting those "Buy Viagra Cheap" spams. Of course I
also
> > get "Enlarge your
> > > Breasts," (and other parts).
> > >
> > > --
> > >
> > > /_ \ /_ \ /_ \ /_ \ /_ \ John L. Sielke
> > > ( W )( 2 )( A )( G )( N ) http://www.w2agn.net
> > > \_ / \_ / \_ / \_ / \_ / ARCI, NJQRP, ARQrp, GQRP, RSGB
> > > Ex- K3HLU, W7JEF, W4MPC, N4JS
> >
>
```

Date: Thu, 27 Jun 2002 08:15:13 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128631] Calculating a Beam Heading..
Message-ID: <003701c21ded\$991a7da0\$9441cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try the website:

http://www.dxzone.com/catalog/Software/Grid_Bearing_and_Maps/

It has a number of programs which will enable you not only to calculate beam headings and distance---but also to make a map, based on your QTH as centerpoint. If you print it, and hang it on your wall -- you can easily "eyeball" the approx beam heading to anyplace else in the world.

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Thu, 27 Jun 2002 08:32:33 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: lmairs@cox.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128632] Re: "The Magazine" - a rip off!
Message-ID: <3D1B3011.1020900@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=windows-1252; format=flowed
Content-Transfer-Encoding: 7bit

Lee Mairs wrote:

>I belong to the ARRL but do not use their mail alias feature. My company
>had DSL service thru AT&T. All was fin until AT&T sold the small business
>business to somebody else. The new owners must have immediately sold the
>mailing list. The spam has almost shut down our company email service. I
>just bought McAfee's Spam Killer after I had 2 real messages and 23 spams in
>my company mail box. It works great! For only \$29.95 I'm no longer
>reminded that something might need enlargement...
>

I recently started using SpamKiller, too, Lee. I agree! It is a very useful product, especially if you are connected all the time as I am. I particularly like the way it eases sending complaint messages to the ISPs from which spam is being sent. Some of them DO care. Or you can forget that and just select all the spam and delete it en masse.

It has a very capable tool for adding filters. My recent bugaboo has been lots of (graphic intensive) junk mail from Korea in Korean (i.e., unreadable). I now have filters that get rid of anythng from a .kr

domain or using one of several Korean character sets.

I use Netscape 6.X for email. Getting its address book imported into SpamKiller (i.e., converting the .MAB file into LDIF format) was a bit tricky. But there is a utility called Dawn which will do the trick. I found out about it at

<http://www.seas.upenn.edu/~zakharin/Software/msnbc/bugnet.html>

and the utility itself is at

<http://www.seas.upenn.edu/~zakharin/Software/Dawn.html>

Phil

Date: Thu, 27 Jun 2002 11:35:08 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [128633] Re: FD fun,,,,,, and a question
Message-ID: <5.1.0.14.1.20020627113342.00a70030@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:08 AM 6/27/2002 -0600, you wrote:

>Hi All,

>

>Someone said:

>

> >>Maybe next year I'll operate 65A...single op.

>

> > You know, with the right software and networked computers you could
> do > it -

> > have a computer per rig that captures the call from each station that calls
> > you, routes it to your central terminal where it plays / displays it to
> > you, and sends your response back out.

>

> > I -assume- robot stations are not allowed. Otherwise it'd be easy.

>

>Not really!

>

>There have been many attempts at rig automation but they have all come up WAY
>short in the end. The problem is that no one has yet been able to get a

>computer to copy only one station out of a pile of stations!
>
>There have even been some contests within contests to see just how good it
>could
>be done. I seem to remember numbers around 20 to 30 QSO's in a 24 hour
>period,
>not really something to write home about!

It seems to me PSK31 might be a lot easier to automate, since it doesn't
rely on wetware (i.e. brainpower) for selectivity.

Dave

"You can fool some of the people all of the time. That's enough to make a
living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Thu, 27 Jun 2002 12:11:06 EDT
From: W2SH@aol.com
To: qrp-l@lehigh.edu
Cc: gdslagel@yahoo.com
Subject: [128634] RE: Antenna idea feedback pse
Message-ID: <118.139f578a.2a4c931a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

At 2215 hours EDT 26 Jun 02 Gary Slagel wrote:

>>is my 3/4 vertical gonna work as well or better then (sic) a 1/4 wave
vertical?<<

"As well or better" depends on what you want to do. A base-fed 3/4
wavelength antenna will have predominantly high-angle radiation, i.e., 45-70
degrees above horizontal. With your signals bouncing off the ionosphere
fairly closely above your terrestrial location, you should be a champ for
making QSOs with stations down in the valley below you, but not much else.

72/73,

Charles, W2SH

Date: Thu, 27 Jun 2002 12:11:07 EDT
From: W2SH@aol.com
To: qrp-l@lehigh.edu
Cc: bowerm@ix.netcom.com
Subject: [128635] RE: putting an antenna under my siding
Message-ID: <4e.d89558a.2a4c931b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Ever since I tried wire antennas in the five-foot-high crawl space in this ranch house, I've been against the idea of placing antennas in close proximity to the house. In my case, the difficulty arose from the fact that all the electrical wiring in the house goes from room to room by going up to the crawl space, across and down to the next room. I learned that a dummy load worked just as well, and it was far less work.

72/73,

Charles, W2SH

Date: Thu, 27 Jun 2002 09:43:04 -0700 (PDT)
From: Philip Karras <ke3fl@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [128636] A QRP Field Day, KE3FL
Message-ID: <20020627164304.44548.qmail@web11603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Nothing special from this end, I go home at 0-dark-30, or thereabouts and between doing honey-dos and talking to an RFI inspector for the FAA (our 145.41 repeater was spurring) I did manage to set up and op in the dark from the trunk of the car with the OHR-400 at 2W, a mobile mag-mount 20M antenna, my solar charged battery, and a little glow lamp to write by.

Then on Sunday (my time) after church I went to Joe's WA3OHI house set up the station again with two antennas on his big van for 20 and 40M. I hooked up the solar panel as well since we had sun. We made another six QRP QSOs using 4W on 20M and one on 40M.

Joe and I had a good time and if we actually QSOed
you, tn timer!

72 & 73 de ke3fl & wa3ohi
Phil & Joe
dit dit

=====

Phil Karras, KE3FL
Email: ke3fl@arrl.net
Web: <http://www.qsl.net/ke3fl>

Do You Yahoo!?
Yahoo! - Official partner of 2002 FIFA World Cup
<http://fifaworldcup.yahoo.com>

Date: Thu, 27 Jun 2002 11:56:59 -0500
From: "George, W5YR" <w5yr@att.net>
To: W2SH@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128637] Re: putting an antenna under my siding
Message-ID: <3D1B43DB.9A59E8CB@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bet it picked up a lot less noise, too! <:}

But, I have four full-size dipoles in my attic for 80, 40, 30 and 20
meters, all fed through a 1:1 balun with a single RG-213 coax. True, they
are noisy and cause RFI but when it is stormy and all the outside antennas
have to be disconnected, they still work "good enough" to keep things
going.

In fact, I worked one of the Spartan Sprints using those antennas and did a
respectable job even though it took almost maximum DSP NR in the PRO to
handle the static and lightning crashes! <:}

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

W2SH@aol.com wrote:

>

> Ever since I tried wire antennas in the five-foot-high crawl space in this
> ranch house, I've been against the idea of placing antennas in close
> proximity to the house. In my case, the difficulty arose from the fact that
> all the electrical wiring in the house goes from room to room by going up to
> the crawl space, across and down to the next room. I learned that a dummy
> load worked just as well, and it was far less work.

Date: Thu, 27 Jun 2002 11:53:09 -0500
From: "George, W5YR" <w5yr@att.net>
To: WD8CIV@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128638] Re: FD fun,,,,,, and a question
Message-ID: <3D1B42F5.FDF88745@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Easier, I agree.

But, lacking error correction, it does rely upon wetware to "fill in the blanks" in missing or garbled print plus operator judgement and skill to do whatever it takes to improve copy on a weak or marginal signal, such as filter changes, etc.

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

David Hinerman wrote:

>

> It seems to me PSK31 might be a lot easier to automate, since it doesn't
> rely on wetware (i.e. brainpower) for selectivity.

Date: Thu, 27 Jun 2002 12:58:36 -0400
From: "Randy Randall" <randallr@healthall.com>
To: <qrp-l@lehigh.edu>
Subject: [128639] Want: TenTec Triton I or II for parts
Message-ID: <sd1b0c0c.051@jhs_izar.healthall.com>
Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

As the subje~~t~~ line sez I am looking for a TenTec Triton I or II for parts. Must have a good front panel and top cover with no extra holes. An 8 pole filter is a plus. PA can be dead, knobs missing, side panels missing, VFO in need or a rebuild, you get the idea. Can be hacked, but not trashed.

Thanks,
Randy KB8ASO
randallr@healthall.com

Date: Thu, 27 Jun 2002 13:05:45 -0400
From: "Randy Randall" <RANDALLR@healthall.com>
To: <qrp-1@lehigh.edu>
Subject: [128640] Want: TenTec Triton I or II for parts
Message-ID: <sd1b0dbb.009@jhs_izar.healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

As the subje~~t~~ line sez I am looking for a TenTec Triton I or II for parts. Must have a good front panel and top cover with no extra holes. An 8 pole filter is a plus. PA can be dead, knobs missing, side panels missing, VFO in need or a rebuild, you get the idea. Can be hacked, but not trashed.

Thanks,
Randy KB8ASO
randallr@healthall.com

Date: Thu, 27 Jun 2002 12:25:55 -0500
From: "wilford lindsey" <dock0evz@earthlink.net>
To: qrp-1@lehigh.edu
Cc: dock0evz@earthlink.net
Subject: [128641] Who had Foot Switch For Sale?
Message-ID: <4120026427172555489@earthlink.net>
MIME-Version: 1.0
Content-Type: text/html; charset=US-ASCII

```
<HTML><HEAD>
<META http-equiv=Content-Type content="text/html; charset=windows-1251">
<META content="MSHTML 6.00.2600.0" name=GENERATOR></HEAD>
<BODY>
<P>
<DIV></DIV>
<DIV>
<P class=MsoPlainText style="MARGIN: 0in 0in 0pt"><FONT size=2><FONT face="Courier
New">Gang:<?xml:namespace prefix = o ns = "urn:schemas-microsoft-
com:office:office" /><o:p></o:p></FONT></FONT></P>
<P class=MsoPlainText style="MARGIN: 0in 0in 0pt"><o:p><FONT face="Courier New"
size=2>&nbsp;</FONT></o:p></P>
<P class=MsoPlainText style="MARGIN: 0in 0in 0pt"><FONT size=2><FONT face="Courier
New">A couple of days ago someone offered several items for sale, among them a
Foot Switch for $20.00.<SPAN style="mso-spacerun: yes">&nbsp;</SPAN>Have
unfortunately deleted that e-mail, and really need it now.<SPAN style="mso-
spacerun: yes">&nbsp;</SPAN>If YOU are the person making the deliveries, please
get in touch with me ASAP.<SPAN style="mso-spacerun: yes">&nbsp;</SPAN>Thanks in
advance.<o:p></o:p></FONT></FONT></P>
<P class=MsoPlainText style="MARGIN: 0in 0in 0pt"><o:p><FONT face="Courier New"
size=2>&nbsp;</FONT></o:p></P>
<P class=MsoPlainText style="MARGIN: 0in 0in 0pt"><FONT size=2><FONT face="Courier
New">73,<o:p></o:p></FONT></FONT></P>
<P class=MsoPlainText style="MARGIN: 0in 0in 0pt"><FONT size=2><FONT face="Courier
New">--Doc/K0EVZ<o:p></o:p></FONT></FONT></P>
<P class=MsoPlainText style="MARGIN: 0in 0in 0pt"><o:p><FONT face="Courier New"
size=2>&nbsp;</FONT></o:p></P>
<P class=MsoPlainText style="MARGIN: 0in 0in 0pt">--- <A
href="mailto:dock0evz@earthlink.net">dock0evz@earthlink.net</A></P></DIV>
<DIV>--- EarthLink: The #1 provider of the Real Internet.</DIV>
<DIV>&nbsp;</DIV>
<P></P></BODY></HTML>
```

Date: Thu, 27 Jun 2002 12:30:19 -0500
From: "wilford lindsey" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [128642] Summer FOX Hunt begins *TONITE* [g]
Message-ID: <4120026427173019969@earthlink.net>
MIME-Version: 1.0
Content-Type: text/html; charset=US-ASCII

```
<HTML><HEAD>
<META http-equiv=Content-Type content="text/html; charset=windows-1251">
<META content="MSHTML 6.00.2600.0" name=GENERATOR></HEAD>
```

```

<BODY>
<P>
<DIV></DIV>
<DIV><FONT size=2>Gang:<BR><BR>Well it's only a few hours until we have the
opening nite for the Summer 2002<BR>FOX Hunt.&nbsp; Complete details may be found
at http://www.CQC.org/fox.<BR><BR>Coming out as our two FOXes tonite will be Paul
K4FB and Doc K0EVZ.&nbsp; Both<BR>FOXes are well rested and eager to give out as
many pelts as possible.<BR><BR>Paul will set up on/about 14.062, and Doc will be
on ~ 14.055, +/- QRM.&nbsp; This<BR>should keep the FISTS frequency free and
hopefully will not QRM anyone. Both<BR>FOXes are expecting to be listening
UP.&nbsp; Hunters should listen to the FOXes in<BR>case they QSY or change their
listening windows.<BR><BR>The hunt will run from 0200-0400Z (which is actually
very early *Friday*<BR>morning, USA-time). <BR><BR>So....get those rigs and
antennas tweaked up and let's everyone have a great<BR>run tonight!
<BR><BR>73,<BR>--Doc/K0EVZ<BR><BR>PS:&nbsp; Am moving my e-mail to Earthlink, and
this is my first try at posting<BR>something.&nbsp; Fingers crossed here.<BR></
I></I></S></FONT><XMP></XMP>
<P align=left><FONT size=2></FONT><FONT style="BACKGROUND-COLOR: #ffffff"
face=Arial color=#0f0f0f PTSIZE="10" < I></I></S>
<P align=left></FONT>--- <A
href="mailto:dock0evz@earthlink.net">dock0evz@earthlink.net</A></P></DIV>
<DIV>--- EarthLink: The #1 provider of the Real Internet.</DIV>
<DIV>&nbsp;</DIV>
<P></P></BODY></HTML>

```

```

-----

Date: Thu, 27 Jun 2002 11:32:53 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: wilford lindsey <dock0evz@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128643] Re: Who had Foot Switch For Sale?
Message-ID: <Pine.OSF.4.44.0206271132160.341281-100000@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=ISO-8859-1
Content-transfer-encoding: QUOTED-PRINTABLE

```

On Thu, 27 Jun 2002, wilford lindsey wrote:

```

> A couple of days ago someone offered several items for sale, among them a
> Foot Switch for $20.00.=A0 Have unfortunately deleted that e-mail, and

```

Is that for QLF contacts? Sri couldn't resist.

Brian Buydens
Veterinary Electronic Data Specialist
Computing Services, University of Saskatchewan

email: Brian.Buydens@usask.ca
http://duke.usask.ca/~buydens
VE5RDV

There is nothing to it. You only have to hit the right notes at the
right time and the instrument plays itself.

- Johann Sebastian Bach

Date: Thu, 27 Jun 2002 13:13:59 -0500 (CDT)
From: Cwdx@webtv.net (Cw Opr)
To: qrp-1@lehigh.edu
Subject: [128644] OT Manual
Message-ID: <23914-3D1B55E7-2524@storefull-2311.public.lawson.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Anyone have a manual for the mfj 784 dsp filter I could copy ?
Thanks

Date: Thu, 27 Jun 2002 13:28:31 -0500
From: "Mark Andrews \ (KE4IOF\)" <KE4IOF@ke4iof.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128645] Re: OT Manual
Message-ID: <00df01c21e08\$71d373d0\$b16e640a@vitalworks.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You can go here and download the PDF file:

<http://www.mfjenterprises.com/man/pdf/MFJ-784B.pdf>

However, I'm not sure that is possible with WebTV. Do you have a local

library where you can get Internet access? If so, you can probably download it there and print it out too!

Mark

Mark A. Andrews

----- Original Message -----

From: "Cw Opr" <Cwdx@webtv.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, June 27, 2002 1:13 PM
Subject: OT Manual

> Anyone have a manual for the mfj 784 dsp filter I could copy ?
> Thanks

Date: Thu, 27 Jun 2002 14:57:11 -0400
From: "Randy Randall" <randallr@healthall.com>
To: <qrp-l@lehigh.edu>
Subject: [128646] Hamfests and wives
Message-ID: <sd1b27cd.028@jhs_izar.healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

A bum, who obviously has seen more than his share of hard times, approaches a well-dressed gentleman on the street. "Hey,Buddy, can you spare two dollars?"

The well-dressed gentleman responds, "You are not going to spend in on liquor are you?"

"No, sir, I don't drink," retorts the bum.

"You are not going to throw it away gambling, are you?" asks the gentleman.

"No way, I don't gamble," answers the bum.

"You wouldn't waste the money at a hamfest for radio equipment, would you?" asks the man.

"Never," says the bum, "I am not a ham."

The man asks the bum if he would like to come home with him for a home cooked meal. The bum accepts eagerly. While they are heading for the man's house, the bum's curiosity gets the better of him.

"Isn't your wife going to be angry when she sees a guy like me at your table?"

"Probably," says the man, "but it will be worth it. I want her to

see what happens to a guy who doesn't drink, gamble or goto hamfests. "

Date: Thu, 27 Jun 2002 14:11:49 -0500 (CDT)
From: Cwdx@webtv.net (Cw Opr)
To: qrp-1@lehigh.edu
Subject: [128647] ot manual
Message-ID: <9341-3D1B6375-2663@storefull-2318.public.lawson.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Thanks everyone for the manual. I sent it over to my daughter, who has a real computer and can print it out. Cant download anything with web tv :)
Thanks again.

Date: Thu, 27 Jun 2002 15:20:41 -0400
From: W2AGN <w2agn@w2agn.net>
To: Randy Randall <randallr@healthall.com>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128648] Re: Hamfests and wives
Message-ID: <3D1B2D49.8041.1E2E46@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 27 Jun 2002 at 14:57, Randy Randall wrote:

> "Probably," says the man, "but it will be worth it. I want her to
> see what happens to a guy who doesn't drink, gamble or goto hamfests. "
>

Before the humor-impaired start the inevitable "off topic" not appropriate" etc, tirade, let me say, I LIKED it!

--

/ \ / \ / \ / \ / \ John L. Sielke

(W)(2)(A)(G)(N) <http://www.w2agn.net>
 _/ _/ _/ _/ _/ ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Thu, 27 Jun 2002 14:21:58 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Cc: W2SH@aol.com
Subject: [128649] RE: putting an antenna under my siding
Message-ID: <5.1.1.6.0.20020627115235.009f8c00@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Charles,

I couldn't agree more! Installing antennas in confined spaces can be a major hassle, depending on the situation. But, when the alternative is not operating HF at home, you go with what is possible.

After running wires in five condo attics over eighteen years, I've been there too. Fortunately, one rental location with a high-pitched roof and floored attic was a snap. It made up for the others - a little! <g>

Yes, indoor antennas are noisy - depending - with condos or apartments being two of the biggest offenders after your own space. I suppose the best way to find out is to be on the air using a battery when the mains drop out. Or, simply throw the big switch and be amazed. Which is one reason I enjoy portable so much, assuming it is away from man-made noise sources.

Regarding indoor antenna performance, I have no complaints, but did have the height advantage of a two-story condo, about 26' at the peak. I did DXCC with 50W maximum and then went back and did it again on QRP at 5W or less. At the same time, managed W.A.S. on 2 x QRP, which was very satisfying in those days.

The antenna was usually a badly-bent "Aluminum Cloud" in a tuned doublet configuration. Distinctive in that the major part of the radiator was constructed from either 24" or 36" wide aluminum kitchen foil. This design hears rather well and remains a personal favorite for indoor/attic locations.

Mostly worked 20M and 15M plus some 30M but very little 40M during the DXCC efforts. I ran milliwatts at other times, simply because it was possible to do so with decent results. Finally, lots of 80M on a remarkably effective rain gutter/downspout arrangement.

We finally moved into a real house four years ago. It was my first

opportunity to put up an antenna outdoors. I later experimented with a 10-40M tuned doublet laying right on the roof because it was not possible to try that in the last condo.

I tried out zig-zag and inverted-U installations. These antennas used 300 ohm twinlead with the feedpoint at either the peak of the roof or on at the bottom of one side. The arrangements worked pretty well. Maximum feedpoint height was 30'.

If I have to choose between antennas in a restricted location the nod would now go to a stealthy roof doublet as opposed to the attic installation. I believe wire performs a little better out in the sunlight, even laying right on a solid non-conductive surface.

Finally, I'd rather take my chances crawling on the roof if the attic option is too confined. The body just doesn't bend as easily anymore. <g>

Good luck with your project, Charles! You might find the doublet-on-the-roof an interesting option. Ditto for a loop around the outside edge of the roof.

de Dave, NF0R nf0r@slacc.com

At 12:11 PM 6/27/02 -0400, you wrote:

>Ever since I tried wire antennas in the five-foot-high crawl space in this
>ranch house, I've been against the idea of placing antennas in close
>proximity to the house. In my case, the difficulty arose from the fact that
>all the electrical wiring in the house goes from room to room by going up to
>the crawl space, across and down to the next room. I learned that a dummy
>load worked just as well, and it was far less work.

>

>72/73,

>

>Charles, W2SH

Date: Thu, 27 Jun 2002 16:42:23 -0400

From: "Randy Randall" <randallr@healthall.com>

To: <qrp-1@lehigh.edu>

Subject: [128650] ot: Need Yaesu FT-747 SERVICE manual

Message-ID: <sd1b4078.097@jhs_izar.healthall.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

Hello. I really need to get the service manual for my Yaesu FT-747. I have to trade " as new " service manuals for the Kenwood TS-950S/SD and TS-940S. I would prefer an original, but I am getting desperate. If you have a very good, very clear copy I will trade too.

Date: Thu, 27 Jun 2002 16:19:22 -0500
From: "wilford lindsey" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [128651] Yep, Summer FOX is *TONITE*
Message-ID: <4120026427211922410@earthlink.net>
MIME-Version: 1.0
Content-Type: text/html; charset=US-ASCII

```
<HTML><HEAD>
<META http-equiv=Content-Type content="text/html; charset=windows-1251">
<META content="MSHTML 6.00.2600.0" name=GENERATOR></HEAD>
<BODY>
<P>
<DIV></DIV>
<DIV>Gang:</DIV>
<DIV>&nbsp;</DIV>
<DIV>Indeed the Summer FOX Hunt is *TONITE* in the USA.&nbsp;<div>In UTC time, this
will be 0200Z on Friday, 28 June 02).&nbsp;</div>
<DIV>&nbsp;</DIV>
<DIV>Paul K4FB will be ~ 14.062, +/- QRM and listening UP.&nbsp;<div>Doc K0EVZ will be
on ~ 14.055, +/- QRM listening UP.&nbsp;<div>Note that the FOXes may have to start
elsewhere&nbsp;<div>depending on conditions at the start of the hunt.&nbsp;<div>They may
also have to QSY as conditions change.&nbsp;</div>
<DIV>&nbsp;</DIV>
<DIV>Please do not call directly on the FOXes, to avoid QRMing the hunters.&nbsp;<div>
Some may be barely hearing the FOX, so try to keep the FOX transmit frequency
clear.</div>
<DIV>&nbsp;</DIV>
<DIV>I will be running a full 5 watts out to a variety of antennas.&nbsp;<div>Most
likely I will run a 540' horizontal loop up 33', which provides pretty even
coverage across the Lower 48.&nbsp;<div>I may switch to an IAC Double Bazooka up
48' (inverted vee), or possibly a GAP Titan DX up 9'.&nbsp;<div>Will set my keyer for
24-27 wpm, but can QRS as necessary.&nbsp;<div>Call at whatever speed you want.</div>
```

<DIV> </DIV>
<DIV>Here's hoping there will be great propagation for both FOXes. <div> Last evening the signals on 20 Metres were not very loud, but there was plenty of DX anyway. <div> Fingers crossed for tonight [g]. <div> GL everyone.</DIV>
<DIV> </DIV>
<DIV>73,</DIV>
<DIV>--Doc/K0EVZ</DIV>
<DIV>--- dock0evz@earthlink.net</DIV>
<DIV>--- EarthLink: The #1 provider of the Real Internet.</DIV>
<DIV> </DIV>
<P></P></BODY></HTML>

Date: Thu, 27 Jun 2002 14:19:48 -0700
From: "Peter Shores" <pshores@socal.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128652] Excess Test Equipment
Message-ID: <001701c21e20\$5e14bf80\$9e00a8c0@socal.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an HP 3465B Digital Multimeter, cosmetically good condition but requires some repair. Included is the service /operation manual. Unit will operate on either internal batteries or from A.C. source 86 to 250 volts.

Asking \$ 35.00 I will pay shipping from 92649 to anywhere in continental US. This unit was surplus from Hughes Aircraft Co. I bought it and a manual. I am not a metrology person and have not really had a need to make it play.

Peter AD6TN

Date: Thu, 27 Jun 2002 17:48:22 -0400
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [128653] Cool Book
Message-ID: <5.0.2.1.0.20020627173655.00ac9520@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I got NA5Ns Databook from Kanga today and this is really a great

book....Tnx Paul for writing it and
to Bill N8ET for the prompt delivery. This one is a real keeper!
Usual disclaimer but Bill can send me a commission if he so desires.....:-)
Happy homebrewing es 73
Pete NV4V Ky

Date: Thu, 27 Jun 2002 17:59:59 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <plburbank@kih.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128654] Re: Keyboard question es FD
Message-ID: <20020627215958.VKXL5076.imf28bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 6/25/02 10:49 PM, Pete Burbank at plburbank@kih.net wrote:

>I remember reading about a keyboard that was easier to use but was changed
>to keep nimble
>fingers from jamming mechanical typewriters.

You're thinking of the Dvorak keyboard. However, this is something of a legend.

There were somewhat poorly documented reports of improved performance with Dvorak from the 1930's, but these reports forget the fact that the QWERTY layout was actually subject to rigorous competition around the turn of the (previous) century. QWERTY won out, in part, because it offered superior performance.

Somewhere on the net, there's a lengthy article about this. It's a good read.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Thu, 27 Jun 2002 18:05:16 -0400
From: Bill Coleman <aa4lr@arrl.net>

To: <WD8CIV@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128655] Re: Keyboard question es FD
Message-ID: <20020627220644.LZB11221.imf09bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 6/26/02 10:01 AM, David Hinerman at WD8CIV@worldnet.att.net wrote:

>I don't know what the original typewriter keyboard was - just that the
>QWERTY layout was developed to regulate the typist's speed. The Dvorak
>layout came later, after QWERTY was established as the standard. I'm fairly
>certain it wasn't the original layout.

Here's an excellent article about this subject, with information on why
Dvorak hasn't taken the world by storm, and the comforting information
that QWERTY isn't all that bad:

<<http://wwwpub.utdallas.edu/~liebowit/keys1.html>>

And here's a smaller article.

<<http://barque.freeyellow.com/dvorak.html>>

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net

Quote: "Not within a thousand years will man ever fly!"

-- Wilbur Wright, 1901

Date: Thu, 27 Jun 2002 17:10:50 -0500
From: Dave Hottell <hottell@gulftel.com>
To: gdslagel@yahoo.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128656] Re: Antenna idea feedback pse
Message-ID: <3.0.6.32.20020627171050.00ac4e50@pop.gulftel.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gary,

> but do you think this configuration will be
>every bit as good on 15 as the 1/4 wave vertical that
>I had last year?

I have used a 40m vert on 15 with no problems. I read the impedance with
my Autek VA-1 and it indicates about 50 ohms on both bands. Feeding with
coax is fine. Tune for 15 meters though, rather than 40. Coax losses will

be minimized that way.

According to EZNEC the radiated energy will be as follows for a standalone vert. at various take-off angles (all in dBi):

T/O angle	15	30	45	60	75
3/4 wl	+1.1	+1.7	+3.7	+2.5	-2.9
1/4 wl	-2.0	-0.7	-2.0	-5.1	-10.9

As good or better? Looks that way to me.

These values assume perfect ground so your actual radiated energy will be less than this, maybe by quite a bit. But since you will be using the same ground for each, the comparative gains will still hold. In other words, if you have lots of ground losses, you may only radiate -5 dBi with the 3/4 wl wire. With that ground the 1/4 wl wire would be radiating about -8 dBi.

Should work FB.

When I add the 20m wire 1/2 inch away, it has little effect on the 40/15 wire, but the input impedance of the 20m wire is way low. This means that ground losses would really play havoc with 20m.

When you had the 15/20 combo, it was the 15m wire that had the low input Z. Its always the shortest wire. If you were happy with 15m when using that combo, you should be happy with 20m using the new combo. Try it and see.

You'd be better off increasing the distance between your two wires, if possible.

You may want to download the free copy of EZNEC and look at it yourself.

73,
Dave
ab9ca

At 07:15 PM 6/26/02 -0700, Gary Slagel wrote:

>I'm getting ready for the ARS Bumblebee contest on
>July 28!

>

>Last year I used a 2 band, 15 & 20 meter, 1/4
>vertical. I made the radiator from 300 ohm tv ribbon
>with one wire cut for 20 and one wire cut for 15
>(tuned with an ant analyzer). Supported it with a 20'
>black widow fishin' pole. Put out 2 resonant radials
>for each band and fed it with coax. Worked great but

>no 40 meters.
>
>This year I'm thinkin.... 2 band, 20/40 meter 1/4 wave
>vertical made with tv ribbon. One element approx 33'
>and the other approx 16' 6". I've got a 33' kanga
>pole for a support for the radiator. I'll carry two
>big hose clamps with me to attach the kanga pole to a
>handy limb on the ground. The tree branch will let me
>get the feedpoint up in the air 5 to 10 feet. 3 33'
>radials and 3 16'6" radials and it shud work well on
>20 & 40. NOW..... my theory is that the 40 meter
>radiator (33') will load very nicely as a 3/4 wave
>vertical (with 3/4 wave resonant radials) on 15
>meters. I'm sure my auto tuner on the K2 will load it
>fine on 15 but do you think this configuration will be
>every bit as good on 15 as the 1/4 wave vertical that
>I had last year? Should I feed it with coax or 300
>ohm ribbon? 20 & 15 are the bread and butter bands
>for the middle of the afternoon when the bumblebee is
>going, so I don't want to compromise my performance on
>15. I'm going to find a rocky peak somewhere with no
>trees so I've got to use a vertical. I've gotta be
>able to hike at least a couple miles with it so I
>can't start adding any more weight. So... my main
>question is.... is my 3/4 wave vertical gonna work as
>well or better then a 1/4 wave vertical? Anyone have
>any good thoughts on this?
>
>Thanks,
>Gary
>
>=====
>Gary Slagel/N0SXX
>Conifer, CO 80433
>gdslagel@yahoo.com
>Personal Website: <http://members.fortunecity.com/gdslagel>
>
>-----
>Do You Yahoo!?
>Yahoo! - Official partner of 2002 FIFA World Cup
><http://fifaworldcup.yahoo.com>
>

Date: Thu, 27 Jun 2002 16:12:56 -0600
From: "P.Ermisch" <ermisch@usa.net>
To: <qrp-1@lehigh.edu>

Subject: [128657] tins
Message-ID: <20020627221256.22837.qmail@uwdvg023.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Found today...

<http://www.mcphee.com/bigindex/current/10701.html>
<http://www.mcphee.com/bigindex/current/10706.html>
<http://www.mcphee.com/bigindex/current/10715.html>
<http://www.mcphee.com/bigindex/current/10499.html>

=2E..many more. Just search for 'tins' or 'lunch box' on the site. Enjo=
y. FYI
the small tins appear to be about 3/4s the size of an Altoids tin (all
dimensions).

Paul KB0LUR

Date: Thu, 27 Jun 2002 18:13:24 -0400
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@lehigh.edu
Subject: [128658] Re: Hamfests and wives
Message-ID: <20020627.183038.8958.1.kc8aon@juno.com>

Hell, I loved it ! If anyone thinks it's OT or otherwise, they're narrow
minded.

Rick McKee, KC8AON
Willow Wood, Ohio
QRP - Do more with less !

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<http://dl.www.juno.com/get/web/>.

Date: Thu, 27 Jun 2002 16:37:37 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <randallr@healthall.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128659] Re: Hamfests and wives
Message-ID: <000b01c21e2b\$44f61480\$74de070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

ONE OF THE GREATEST YET 72 Cal KF7ET

----- Original Message -----

From: "Randy Randall" <randallr@healthall.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, June 27, 2002 12:57 PM
Subject: Hamfests and wives

> A bum, who obviously has seen more than his share of hard times,
> approaches a well-dressed gentleman on the street. "Hey,Buddy,
> can you spare two dollars?"
> The well-dressed gentleman responds, "You are not going to spend
> in on liquor are you?"
> "No, sir, I don't drink," retorts the bum.
> "You are not going to throw it away gambling, are you?" asks the
> gentleman.
> "No way, I don't gamble," answers the bum.
> "You wouldn't waste the money at a hamfest for radio equipment,
> would you?" asks the man.
> "Never," says the bum, "I am not a ham."
> The man asks the bum if he would like to come home with him for a
> home cooked meal. The bum accepts eagerly. While they are heading
> for the man's house, the bum's curiosity gets the better of him.
> "Isn't your wife going to be angry when she sees a guy like me at
> your table?"
> "Probably," says the man, "but it will be worth it. I want her to
> see what happens to a guy who doesn't drink, gamble or goto hamfests. "
>

Date: Thu, 27 Jun 2002 14:48:55 -0800
From: Jim Larsen - AL7FS <AL7FS@arrl.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [128660] AL7FS Index for "The Electronic Data Book for Homebrewers and QRPers" by
NA5N
Message-ID: <3D1B9657.F6268610@ARRL.NET>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There is an index available for the book at my website.

<http://www.qsl.net/al7fs/>

It is titled:

AL7FS Index for "The Electronic Data Book for Homebrewers and QRPers"
First Edition
by Paul Harden, NA5N

73, Jim, AL7FS
Anchorage, Alaska

----- Original Message -----
Subject: Cool Book

I got NA5Ns Databook from Kanga today and this is really a great
book.
<deleted text>

End of QRP-L Digest 2599

